



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090458-A

**Mode:** Highway

**Status:** Submitted

### US-401 (Ramsey Street)

**From/Cross Street:** NC 24/210 (Grove Street)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Martin Luther King, Jr. Freeway

**Project Category:** Regional Impact

**Length:** 0.9

**TIP#:** U-4403

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$9,056,000

#### Description:

Widen to Multi-Lanes

**Division(s):** Division 6

**County(s):** CUMBERLAND

**MPOS(s)/RPO(s):** Fayetteville Area MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

**Regional Impact Total Score: 37.04**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 81.36	Percent: 15%	Percent: 15%
Congestion (V/C) (25%) 45.36	Points: 0	Points: 100
Accessibility / Connectivity (10%) 13.19		
[Travel Time] Benefit/Cost (25%) 4.98		
Totals: Weight: 70% Weighted Score: 22.04		

**Division Needs Total Score: 18.2**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 45.36	Percent: 25%	Percent: 25%
Safety (10%) 81.36	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 4.98		
Totals: Weight: 50% Weighted Score: 18.2		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	19785.34
Capacity:	31701.05
Volume/Capacity Ratio:	0.62
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	81.37
Crash Severity:	81.37
Critical Crash Rate:	81.37
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	6F - 6 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	0.9
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2050413.99
Travel Time Savings for 30 Years (Autos):	2050413.99
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Fayetteville Area MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$5,832,000	Cost Estimation Tool
Right-of-Way Cost:	\$2,879,000	Cost Estimation Tool
Utilities Cost:	\$345,000	Cost Estimation Tool
Total Project Cost:	\$9,056,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$9,056,000</b>	